



PORTABLE AIR-CONDITIONER



Model DAC12AC

☆Please read and retain this manual for future reference

Contents

| | |
|-------------------------------|---|
| Introduction..... | 2 |
| Important Safeguards | 3 |
| Energy Saving Tips | 3 |
| Features And Parts List | 4 |
| Installation | 5 |
| Control Panel..... | 6 |
| Key Functions..... | 6 |
| Remote Control | 6 |
| Operating Instructions | 7 |
| Water Drainage | 8 |
| Maintenance | 8 |
| Trouble Shooting | 9 |

Introduction

Thank you for choosing a Dimplex air conditioner. This manual contains information, regulations and warnings which are of fundamental importance if the appliance is to be installed correctly and the highest performance, in the safest possible conditions is to be obtained. We suggest that you read the manual carefully before installing or starting up the appliance.

The air-conditioning unit is of the mono tube type, transferable (on wheels) with air/air operating system for domestic use and has 3 settings:

- Ventilate.
- Cool.
- Dehumidify.

The ventilation mode “moves” the air allowing for its recycling much like a fan.

The cooling mode, a refrigerated circuit (compressor), cools the room by transferring the heat from the inside to the outside through the air exhaust hose. While cooling, the air-conditioning unit also dehumidifies the room air.

Important Safeguards

- Read all instructions.
- Disconnect the power plug before dismantling, assembling or before cleaning.
- Avoid touching mobile parts of the appliance.
- Never insert fingers, pencils or any other objects through the guards whenever the power plug is connected, especially while running.
- The appliance is not intended for use by young children or infirm persons unless they have been adequately supervised by a responsible person to ensure that they can use the unit safely.
- Young children should be supervised to ensure that they do not play with the appliance.
- Do not use the appliance for any other purpose than its intended use.
- The appliance must not be used if the guards are not fastened according to instructions.
- When the power cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- Do not use your appliance with an extension cord unless it has been checked and tested by a qualified electrician or electrical supplier.
- Return to Hagemeyer or authorised service agent.
- **The air conditioning unit must always be stored and transported upright, otherwise you may cause irreparable damage to the compressor; in case of doubt we suggest to wait for at least 24 hours before you start the air-conditioning unit.**
- Avoid restarting the air conditioning unit unless 4 minutes have passed since being turned off, or the compressor may get damaged.
- Never use the mains plug as a switch to start and turn off the air conditioning unit. Use the provided ON/OFF switch located on the control panel.
- Always place the portable air conditioner on a dry stable surface.

Energy Saving Tips

- Do not cover or restrict the airflow from the Outlet or Inlet grills.
- The minimum distance from furniture and wall should be 50cm.
- Keep blinds and /or draperies, on any windows, closed during the sunniest part of the day.
- Keep the filters clean. Under normal conditions, the filters should be cleaned approximately every 30 days. Since the filters remove airborne particles, more frequent cleaning may be necessary, depending on the indoor air quality.
- Set the fan speed switch to high cool and the thermostat to the coolest position for the initial start-up, then set the Fan switch to Low cool and lower the thermostat to a comfortable setting.

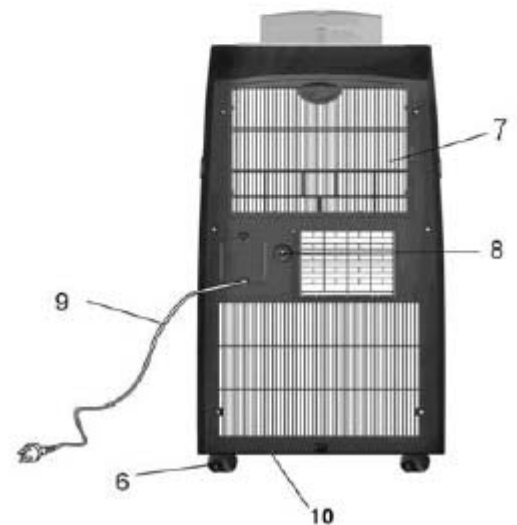
Features And Parts List

Features:

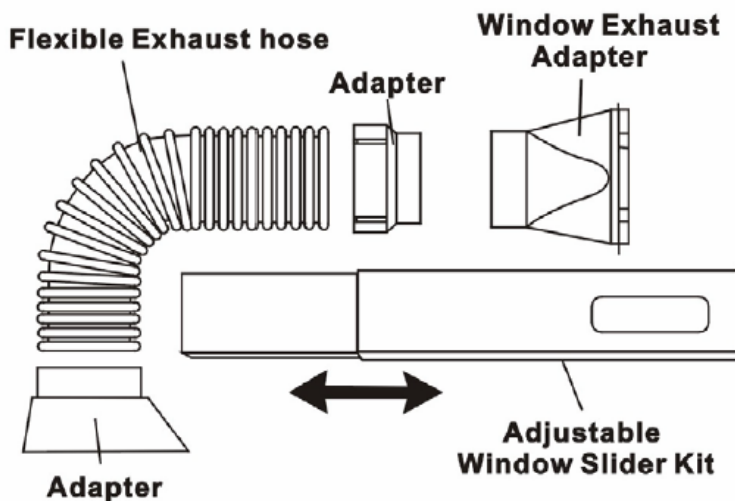
- No installation is required.
- Easily moved with castors and handle grip holes.
- Control panel with colourful LCD display.
- Remote control.
- Water-cooled mode can save running costs.
- Low noise and strong breeze.
- On/off timer function.
- Three-minute restart delay to protect compressor.

Part Names:

1. Control panel
2. Air outlet grille
3. Remote control sensor
4. Adjustable air flow
5. Transport handle
6. Castors
7. Evaporator air inlet
8. Water draining hole (for continuous drainage)
9. Power cord
10. Water drainage hole (for emptying the water tank when full)



Accessories:



Installation

Before you use this unit please ensure it has been kept upright for at least 2 hours.

1. The unit should be installed in a flat dry place. Leave at least 50cm space around the unit (Fig. 1).
2. Fix the exhaust hose adapter to the exhaust terminal of the unit (Fig. 2).
3. Screw one end of the exhaust hose into the exhaust hose adapter and screw the window exhaust adapter to the other end of the exhaust hose.
4. The window kit has been designed to fit most standard vertical (Fig. 3) and horizontal (Fig. 4) windows. However it may be necessary for you to modify some aspects of the installation procedures for certain types of windows. Once the window kit is in place, simply snap the window exhaust adapter into the hole provided on the window kit. You are now ready to use your portable air conditioner.

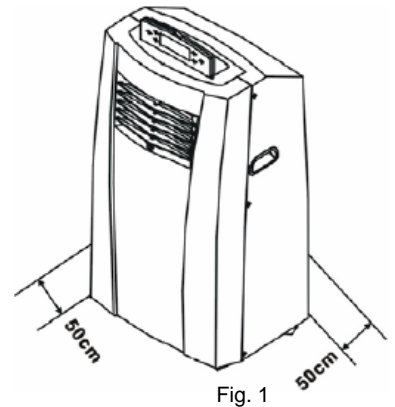


Fig. 1

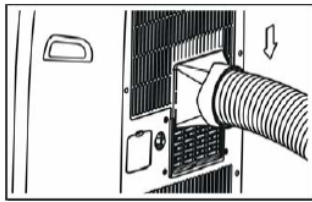


Fig. 2



Fig. 3

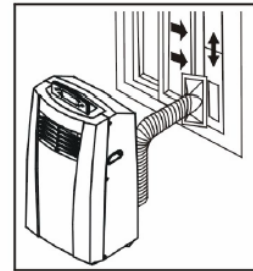


Fig. 4

5. Permanent installation (Fig. 5)
 - Fix the exhaust hose adapter to the exhaust terminal of the unit and screw in the exhaust hose.
 - Make a round hole with the diameter more than 120mm, then input and fix the window kit adaptor.
 - Fit the supplied round adapter on the air outlet duct then connect it with the Cover.

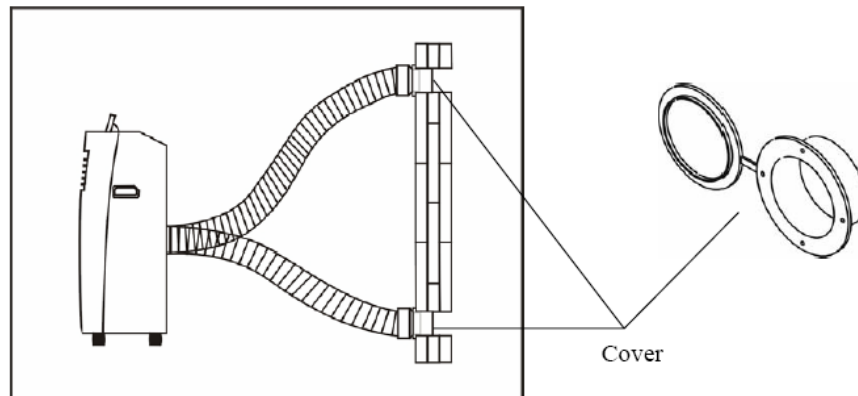


Fig. 5

Incorrect mounting (Fig. 6)

The bend of the exhaust pipe is very important. Take care to prevent any sharp bow or bend in the exhaust. The exhaust air must flow freely otherwise the air conditioner may malfunction.

NOTE: The length of the exhaust duct is between 500mm to 1500mm. We suggest using the minimum length of exhaust duct for maximum performance.

This length has been designed according to the specifications of the air conditioner. Do not use an extension or exchange with a different hose as that may lead to malfunction.

Do not use the unit in the bathroom or other humid environments.

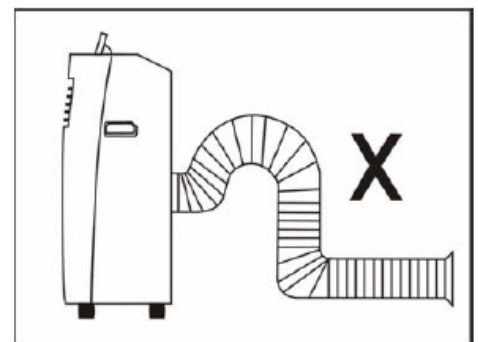
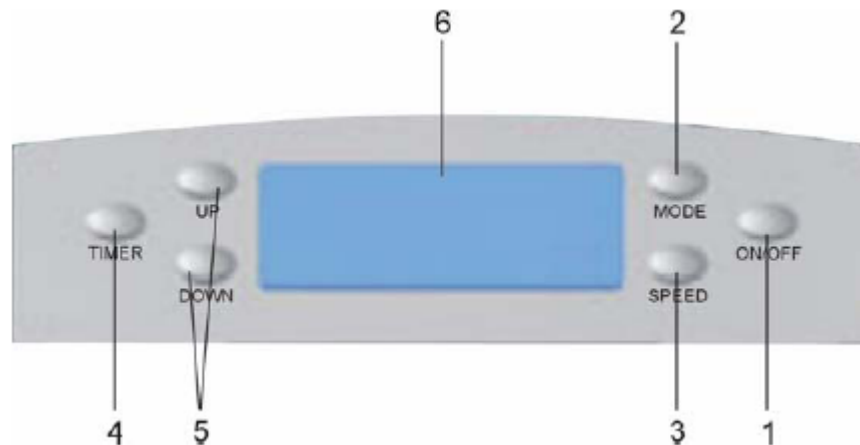


Fig. 6

Control Panel



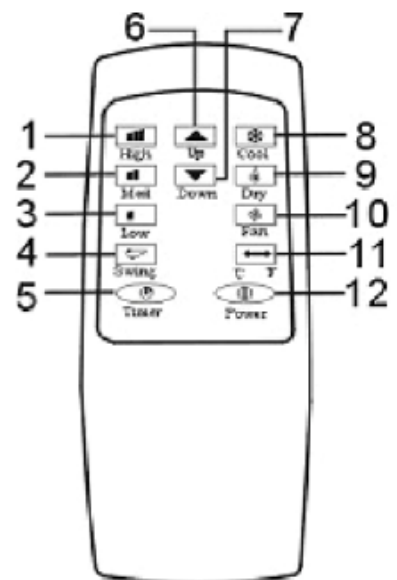
Key Functions

1. **ON/OFF:** Press this button to turn the unit on or off.
2. **MODE:** Press this button to select from three modes: COOL, DRY and FAN
3. **SPEED:** Press this button to select high, medium or low fan speed
4. **TIMER:** Press this button to set timer-on, timer-off or no-timer.
5. **UP & DOWN:** Press these buttons to set the room temperature or time when in Time On/Off mode.
6. **LCD DISPLAY:** Displays the different signals accordingly.

NOTE: To change from Fahrenheit to Celsius, press both UP and DOWN buttons at the same time.






Remote control

1. High fan speed button.
2. Medium fan speed button.
3. Low fan speed button.
4. Swing button.
5. Timer button.
6. Up button to set temperature and time.
7. Down button to set temperature and time.
8. Cool mode button.
9. Dry mode button.
10. Fan mode button.
11. Celsius to Fahrenheit exchange button.
12. Power (On/Off) button.





Operating Instructions






Cooling Mode

- Press MODE (Cool on remote) button to choose cooling mode. The LCD will display .
- Press UP or DOWN buttons to set the desired temperature between 18-30°C.
- Press SPEED button (Low/Med/High on remote) to select the fan speed. The LCD will display , , or  accordingly.
- Press SWING button to make the fins swing for oscillation (available on the remote control only). The LCD will display .

Dry (Dehumidifying) Mode

- Press MODE button (or DRY on remote) to choose Dry mode. The LCD will display .
- In dry mode the fan speed is preset and cannot be changed. The temperature cannot be set either.
- Press SWING button to make the fins swing for oscillation (available on the remote control only). The LCD will display .
- Do not use the air outlet duct.
- Dry mode cannot be used to cool the room.

Fan Mode

- Press MODE button (Fan on remote) to choose Fan mode, The LCD will display .
- Press SPEED button (Low/Med/High on remote) to select the fan speed. The LCD will display , , or  accordingly.
- Press SWING button to make the fins swing for oscillation (available on the remote control only). The LCD will display .
- The temperature cannot be set.
- Do not use the air outlet duct.

Timer -On

- When the unit is switched off, press TIMER button to set timer-on.
- Press UP or DOWN buttons to adjust the time from 30 minutes to 24 hours.
- The time-on light indicator will light up.

Timer -Off

- When the unit is operating press the TIME button to set timer-off
- Press UP or DOWN buttons to adjust the time from 30 minutes to 24 hours.
- The time-off light indicator will light up.

NOTE: All functions, except the swing function, are available with the remote control and the control panel. The swing function can only be operated by remote control.

Water Drainage

- This product has a self-evaporative system. The condensing water will be recycled to cool the condenser. This will improve the units cooling efficiency and save on energy consumption.
- When the unit is in cool or fan modes there is usually no need to drain any water from the unit.
- During dry (dehumidifying) mode, remove the drain plug from the back of the unit (Fig. 7) and install a drain hose (Fig. 8) of 10mm inner diameter and place the open end of the hose into a vessel such as a bucket.

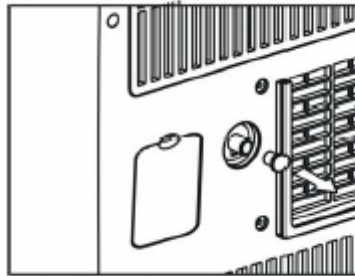


Fig. 7

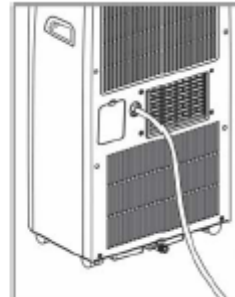


Fig. 8

- If the internal water container becomes full, the LCD display will flash “P2” and the unit will stop automatically.
- Before you empty the unit you will need to turn the unit off and pull the plug out of the power supply.

Important!

It is recommended that you do not move the unit around without firstly draining the internal tank. If water is left in the unit then it may spill out onto the floor or carpet.

Maintenance

Cleaning

Turn off the unit and pull the plug out of the socket before cleaning.

1. Clean the surface

- Clean the surface of the unit with a duster or a damp soft cloth.
- Do not use chemical solvent like benzene, alcohol, gasoline and etc, or the surface may be damaged or even deformed.

2. Clean the air filter

- The air filter should be cleaned every two weeks
- If the air filter is blocked with dust the efficiency of the unit will be reduced.
- To clean the air filters
 - 1) Pull out the air filters (Fig.9).
 - 2) Wash the air filter by immersing it gently in warm water (under 40°C or 104°F) with neutral detergent.
 - 3) Rinse the filter and dry it in a shaded place.
 - 4) Push the air filter back into the original position.



Fig. 9

3. End of Season

1. Pull out the plug from the drain mouth and remove the water from the drain pan (Fig. 10).
2. Keep the unit running in Fan mode for several hours to ensure the inside of the unit is dry.
3. Switch off the unit and disconnect the plug from the power supply.
4. Remove the exhaust duct and keep stored in a safe dry place.
5. Take the batteries out of the remote control and keep in a dry place.
6. Wrap the unit with the plastic bag, and keep it in a dry place.

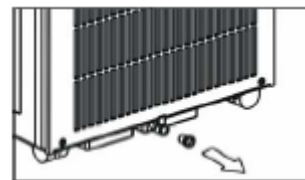


Fig. 10

Trouble Shooting

Before contacting a professional please read the following troubleshooting guide.

| Issue | Reason | Solution |
|--------------------------------------|---|--|
| The unit does not work | No power supply | Check it is plugged in properly, turn the power-on and turn on the unit. |
| | The LCD is flashing P2 | Drain the water tank. Turn unit off at power outlet to reset. |
| | Timer function is active | Cancel timer function. |
| The unit does not seem to perform | In direct sunlight | Draw the curtains |
| | Windows/doors open, many people or a heat source in the room. | Close windows/doors, remove the heat source if possible. |
| | Dirty filter. | Clean or replace the air filter(s). |
| | Air inlet or air outlet is blocked. | Remove the blockage. |
| | Room temperature is lower than then selected value. | Change temperature selection. |
| The unit is noisy. | The unit is not on flat surface. | Place the unit on an even, solid surface (less vibrations). |
| The compressor does not work | The overheat protection is probably activated. | Wait 3 minutes until the temperature has decreased, then turn the unit on again. |
| The unit starts and stops frequently | Is the voltage normal? | Turn off the unit if the voltage is abnormal. |
| | Is the exhaust tube attached correctly or is it bent. | Set the exhaust tube correctly. |
| | Have you added an extra exhaust tube | Remove the extra tube. |
| The remote control does not function | Distance is too great. | Make sure the remote control is correctly aimed at the control panel. |
| | Remote control signal not detected by the control panel. | |
| | The batteries are drained. | Replace the batteries. |

CAUTION: Switch off the unit and unplug it immediately if anything abnormal occurs. Then contact the Dimplex Customer Care Line.

Dimplex

24 Months Repair / Replacement Guarantee

Hagemeyer guarantees this product against defects caused by faulty workmanship and materials for 24 months domestic use (12 months commercial use) from the date of purchase. During this guarantee period, Hagemeyer will repair or replace any defective product. However, if the product includes a number of accessories, only the defective product or accessory will be replaced.

Hagemeyer reserves the right to make minor repairs instead of replacing the product or accessory.

In the event of a product or accessory being replaced during the guarantee period, the guarantee on the replacement will expire 24 months from the original purchase date. This guarantee excludes defects caused by the product not being used in accordance with instructions, accidental damage, misuse or being tampered with by unauthorised persons.

All costs of installation, removal, cartage, freight travelling expenses and insurance are to be paid by the claimant. Should you experience any difficulties with your appliance you should firstly contact Dimplex Customer Care for advice.

Please retain your receipt as proof of purchase. Every request for guarantee service must be accompanied by proof of purchase.

For any information on your Dimplex product please call our Customer Care line 1300 739 033.

Be sure to attach your proof of purchase to this card and present with the appliance if replacement is required.

Product. _____

Model. _____

Date of Purchase. _____

Purchase from (name and address of retailer) _____

Please complete the above for your own records.

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